

Comparisons of Job Characteristics

Focus Occupation: [Mixing and Blending Machine Setters, Operators, and Tenders \(51-9023\)](#)

Associated Occupation: [Roustabouts, Oil and Gas \(47-5071\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 72

Focus Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023)

Associated Occupation: Roustabouts, Oil and Gas (47-5071)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mechanical	6.8	14.3	9.6	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	12.2	7.1	<<	Extensive education and/or training may be required
Production and Processing	6.0	10.3	13.9	>>	Current knowledge level is likely more than sufficient
Physics	4.3	9.7	5.6	<<	Extensive education and/or training may be required
Chemistry	4.8	9.2	9.9	0	Current knowledge level may be sufficient
Transportation	4.6	8.4	4.7	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023)

Associated Occupation: Roustabouts, Oil and Gas (47-5071)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Operation Monitoring	6.6	10.4	11.6	>	Skill level is likely sufficient
Repairing	3.4	9.6	7.1	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	9.5	11.2	>	Skill level is likely sufficient
Quality Control Analysis	5.9	8.7	9.8	>	Skill level is likely sufficient
Equipment Maintenance	3.5	8.0	8.4	0	Current skill level may be sufficient
Troubleshooting	4.5	7.7	7.1	0	Current skill level may be sufficient

Equipment Selection	3.3	7.0	5.4	<	A higher skill level may be required
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 76			
Focus Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023) Associated Occupation: Roustabouts, Oil and Gas (47-5071)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	12.9	10.2	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	11.6	9.1	<	Some improvement in abilities may be required
Static Strength	5.0	10.7	8.1	<<	Extensive improvement in abilities may be required
Depth Perception	5.3	10.6	8.6	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	7.5	5.6	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	6.0	2.5	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	6.0	3.5	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	5.5	3.7	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 40
Focus Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023) Associated Occupation: Roustabouts, Oil and Gas (47-5071)		
Work Activities	Exclusivity of Activity	
Use hand or power tools	2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 77
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Focus Occupation: Mixing and Blending Machine Setters, Operators, and Tenders (51-9023)
Associated Occupation: Roustabouts, Oil and Gas (47-5071)

Tools and Technologies	Exclusivity
Cleaning equipment	11
Computers	1
Content authoring and editing software	1
Electrochemical measuring instruments and accessories	9
Fluid mechanics equipment	11
Forming tools	2
Holding and clamping tools	3
Lifting equipment and accessories	3
Power tools	2
Respiratory protection	6
Safety apparel	4
Vision protection and accessories	3
Weight measuring instruments	7
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.